

Accordingly, a therapeutic bed operable to provide lateral rotational therapy in both the prone and supine positions is provided having a frame, a patient support platform mounted on the frame and rotatable about a longitudinal axis of rotation through substantially 180° from a patient face-up or supine position to a patient face-down or prone position, and a motor operationally engaged with the patient support platform to provide controlled rotational movement to the patient support platform. In one embodiment, the patient support platform comprises a hinged section that provides access to the back of a patient when the patient support platform is in the patient face-down or prone position. In another embodiment, the patient support platform comprises side rails that can be locked into place or that can be removed to facilitate mounting of patients on the patient support platform. The therapeutic bed also comprises a plurality of prone patient supports, including a head support, an abdomen support comprised of flexible material and which is adjustable to accommodate abdomens of varying sizes, and support pad sections that are split longitudinally to define adjustable support parts that are hingedly mounted to the corresponding opposite side rails. At least some of the prone patient supports are operable to be locked to each other with straps and fasteners. The head support includes a strap to support the patient's head. Many of the prone patient supports are separately adjustable.

In another embodiment, a therapeutic bed operable to provide lateral rotational therapy to a patient in both the supine and prone positions is provided comprising a frame; a patient support assembly mounted on the frame; wherein the patient support assembly comprises a patient support platform mounted on a circular structure having a center and a perimeter; and a motor operationally engaged with the patient support assembly to provide controlled rotational movement to the patient support assembly. The patient support assembly is rotatable about a longitudinal axis of rotation through substantially 180° from a patient face-up or supine position